



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D5794-9**

**Job Sheet 207008**



DWG  
9  
0.00

ok to release @ Rev A  
per ECW20-521

**Part No:** D5794-9

**Job Qty:** 2 pcs

**Part Name:** Cutout Bottom



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 2/14/20

**Job Tracking No:**

**Due Date:** 3/13/20

**Created By:** Linda Lacelle

**Type:** Stock

**Description:**

**Note:** DWG 5794 REV.A7 IPP REV:A NEW ISSUE 20.31.01 JV VERF:DD

**Ship Via:**

### Bill of Materials

### Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Basket - 1	2 pcs	3/13/20		0.00	0.13	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
							Large Fab - 11 (Various)		
							Large Fab - 12		
110	QC 5	2 pcs	3/13/20		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 48		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		

*ef.*

*D 20.02.24*



1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

**Container No:** S257419



**Part:** D5794-9

**Job No:** 207008

**Serial No/Batch:** S257419

**Revision:** REV.A

**Inspector:**

**Exp Date:**

**Instructions:**

**Date:** 02/21/20

120 Packaging 3-1 - Stock - B4B 2 pcs

3/13/20

0.00 0.00

Packaging 3 - 1 - B4B

Packaging 3 - 2 - B4B

Packaging 3 - 3 - B4B

Packaging 3 - 4 - B4B

Packaging 3 - 5 - B4B

Packaging 3 - 6 - B4B

Packaging 3 - 7 - B4B

Packaging 3 - 8 - B4B

Packaging 3 - 9 - B4B

Packaging 3 - 10 - B4B

Packaging 3 - 11 - B4B

Packaging 3 - 12 - B4B

Packaging 3 - 13 - B4B

Packaging 3 - 14 - B4B

Packaging 3 - 15 - B4B

Packaging 3 - 16 - B4B

Packaging 3 - 17 - B4B

Packaging 3 - 18 - B4B

Packaging 3 - 19 - B4B

Packaging 3 - 20 - B4B

Packaging 3 - 21 - B4B

Packaging 3 - 22 - B4B

Packaging 3 - 23 - B4B

Packaging 3 - 24 - B4B

Packaging 3 - 25 - B4B

Packaging 3 - 26 - B4B

Packaging 3 - 27 - B4B

Packaging 3 - 28 - B4B

Packaging 3 - 29 - B4B

Packaging 3 - 30 - B4B

Packaging 3 - 31 - B4B

Packaging 3 - 32 - B4B

Packaging 3 - 33 - B4B

Packaging 3 - 34 - B4B

Packaging 3 - 35 - B4B

Packaging 3 - 36 - B4B

Packaging 3 - 37 - B4B

QA

130 QC 21 - SA

2 pcs

3/13/20

0.00 0.00

QC 21 - SA - 21

21

QC 21 - SA - 70

21

QC 21 - SA - 53

21

FEB 25 2020

Part Op 100 - 1- Cut as per dwg 2- Deburr

Descriptions: 110 - QC5- Inspect part completeness to step on W/O

120 - Identify as per dwg &amp; Stock Location: M41004

130 - QC21- Final inspection - Work Order Release

## Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M4130NTS0.500W.035	4130 Square Tube .500 X .500 X .035W	1.4032 ft (.7016 ea)	100-Large Fab - Basket - 1	M132313

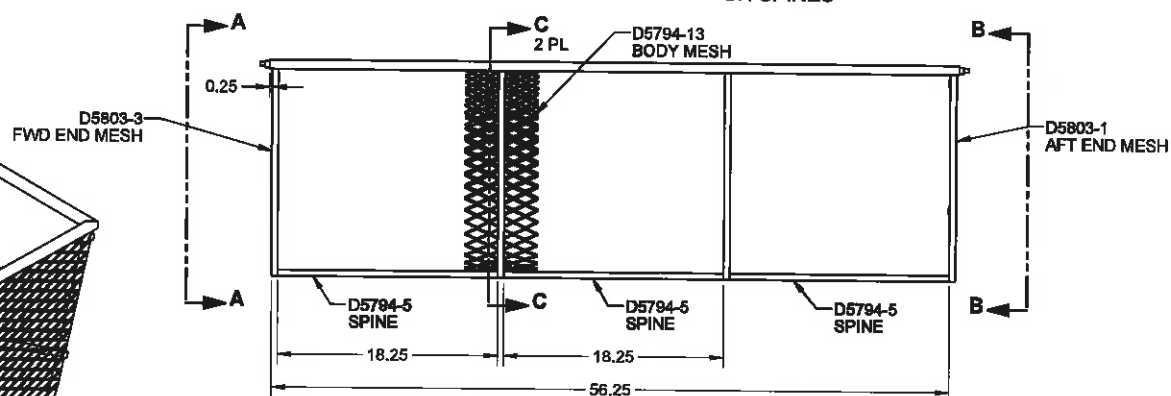
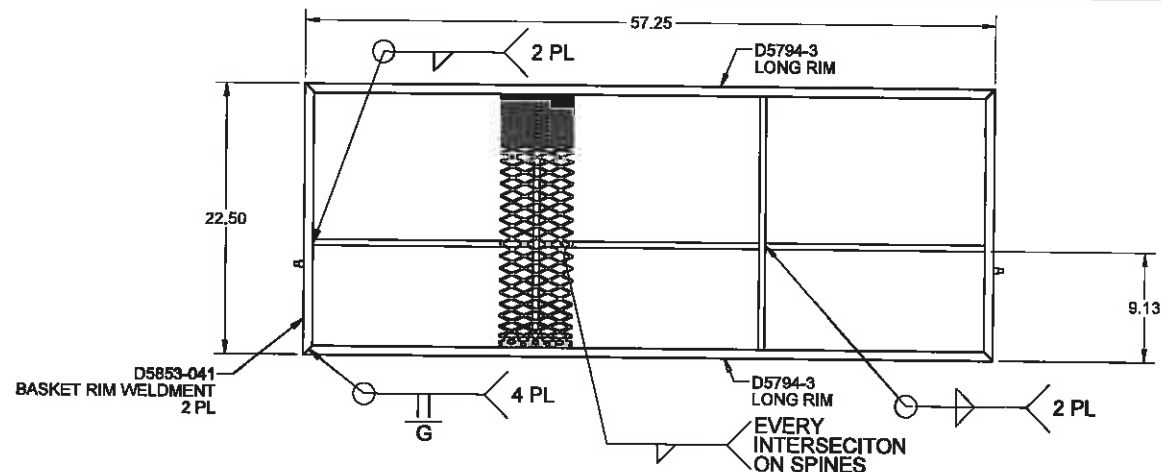
## Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Large Fab - Basket - 1	M4130NTS0.500W.035	1	151	0

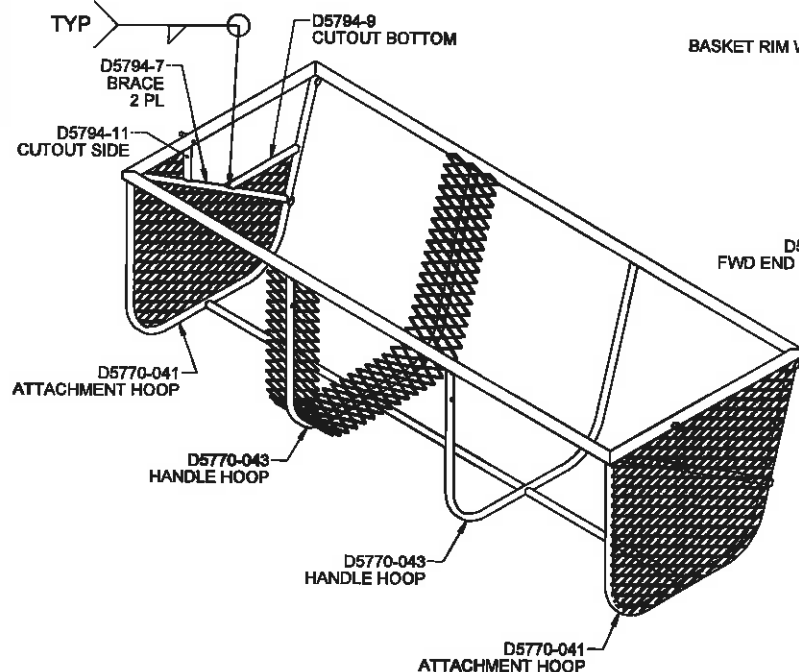
## Part Specifications

Specifications could not be found.

QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH
2	D5853-041	BASKET RIM WELDMENT



**D5794-041 SHORT BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)



- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-041" AND SERIAL NUMBER PER DART QSI 044 6.6
  - 7) WEIGHT: 21.59 lbs
  - 8) WELD PER DART QSI 004
  - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

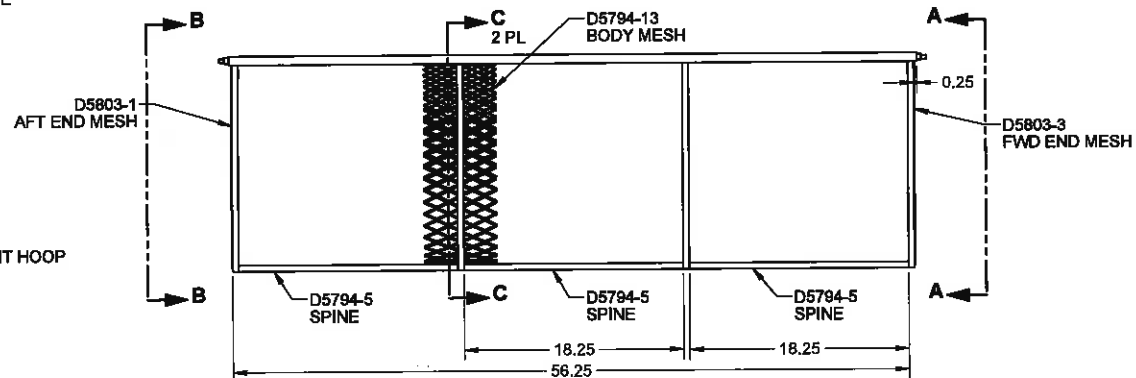
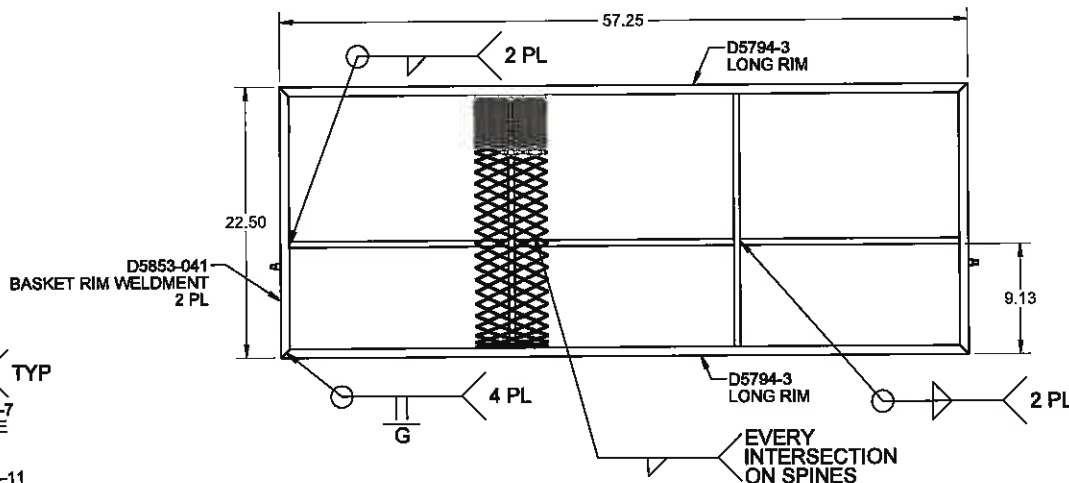
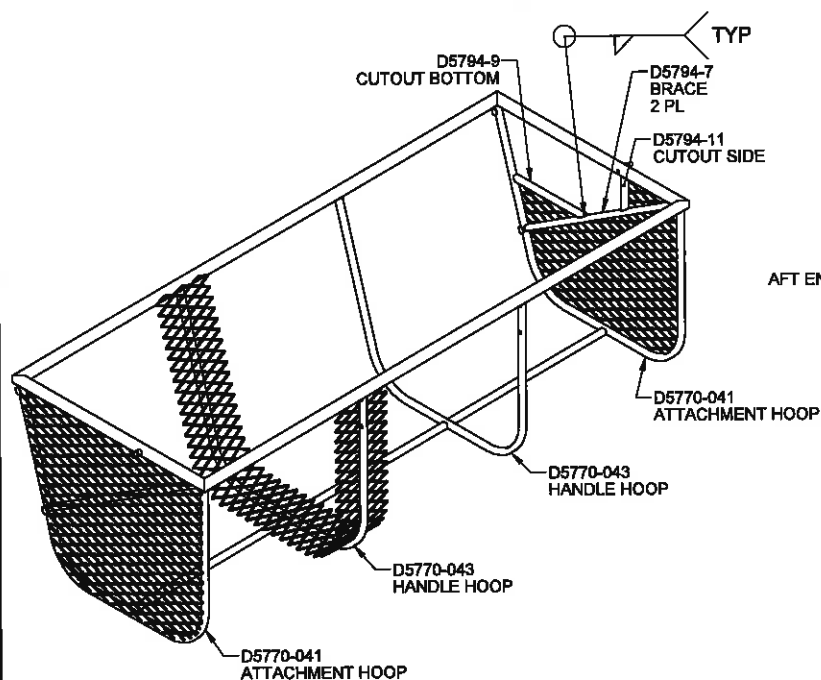
REV.	NEW ISSUE	DESCRIPTION	ZF	20.01.14
DESIGN	ZF		BY	DATE
DRAWN	ZF			
CHECKED	KPT			
MFG. APPR.	DD			
APPROVED				
DE APPR.				
DATE	20.01.14			

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5794**  
TITLE **SHORT BASKET BODY**  
REV. A5  
SHEET 1 OF 6  
SCALE  
NTS

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QTY -042	P/N	DESCRIPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



**D5794-042 SHORT BASKET BODY, RH**  
(MESH SHOWN LOCALLY FOR CLARITY)

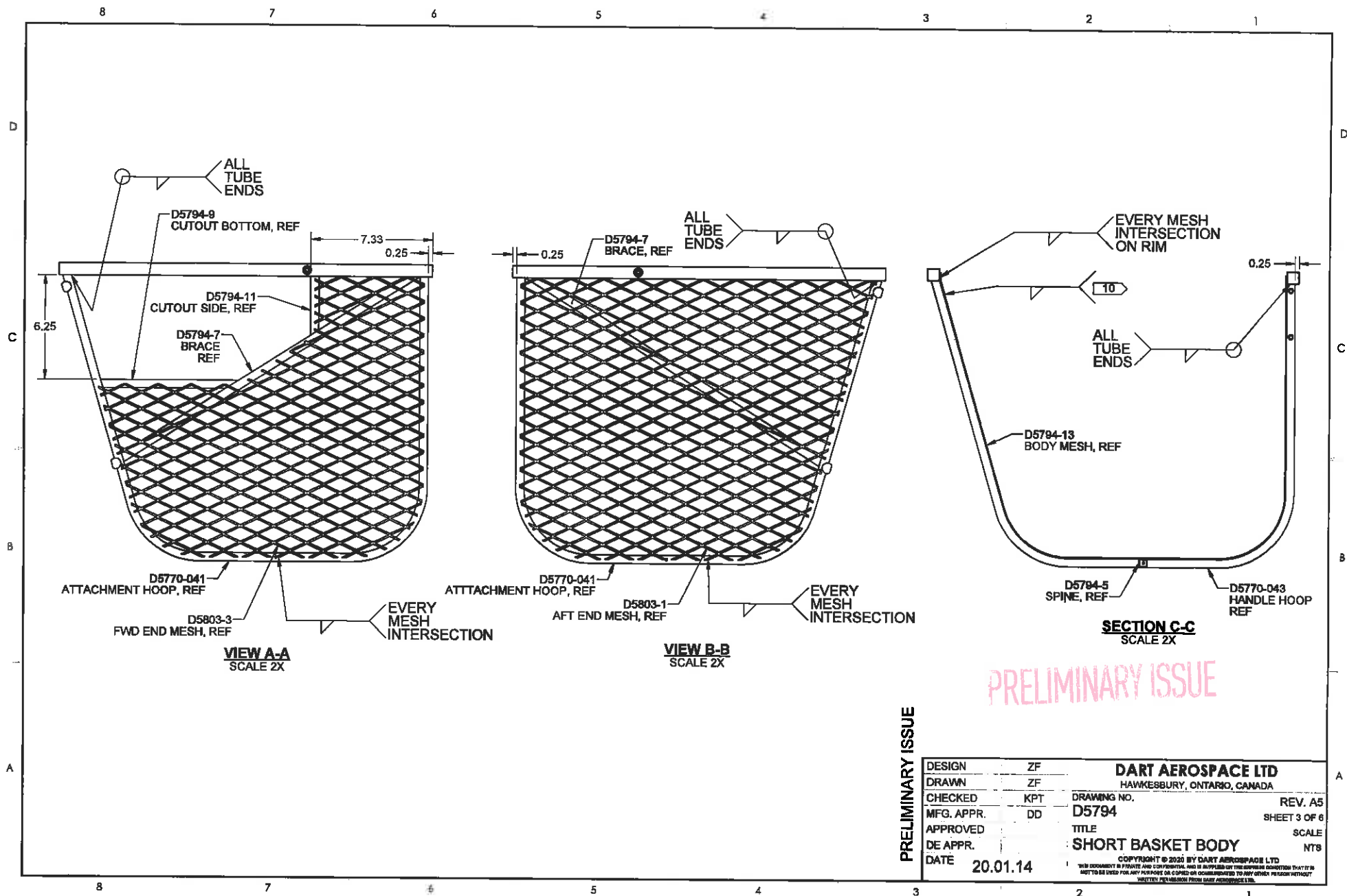
#### NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-042" AND SERIAL NUMBER PER DART QSI 044 6.8
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A5
DRAWN	ZF		
CHECKED	KPT	DRAWING NO. <b>D5794</b>	SHEET 2 OF 6
MFG. APPR.	DD	TITLE <b>SHORT BASKET BODY</b>	SCALE
APPROVED			NTS
DE APPR.			
DATE	20.01.14		

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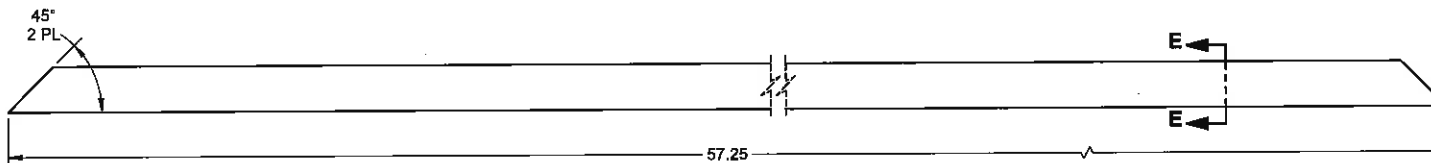
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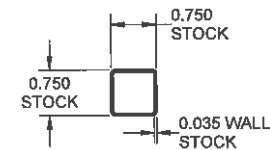
C

B

A



**D5794-3 LONG RIM**



**SECTION E-E**

**NOTES:**

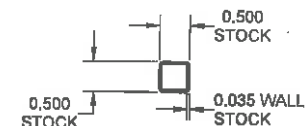
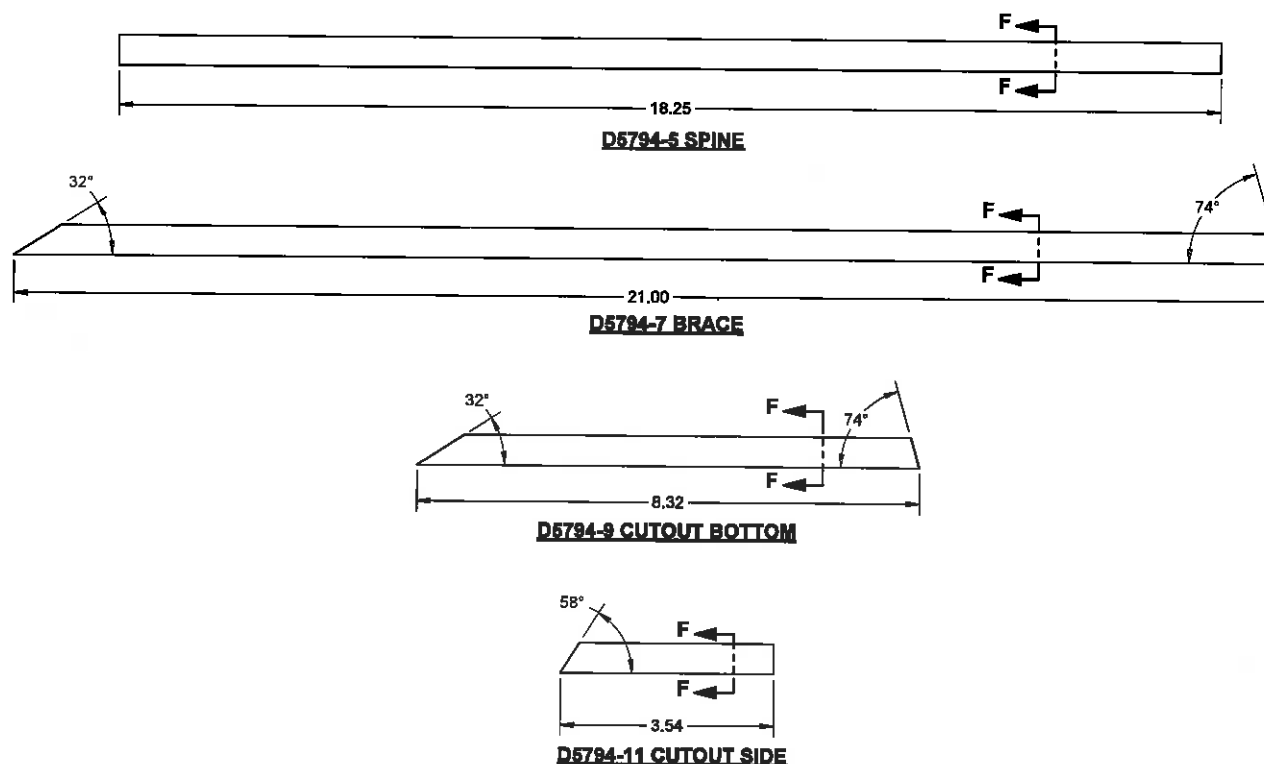
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
DATE	20.01.14	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS AUTHORITY THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1



**SECTION F-F**

**NOTES:**

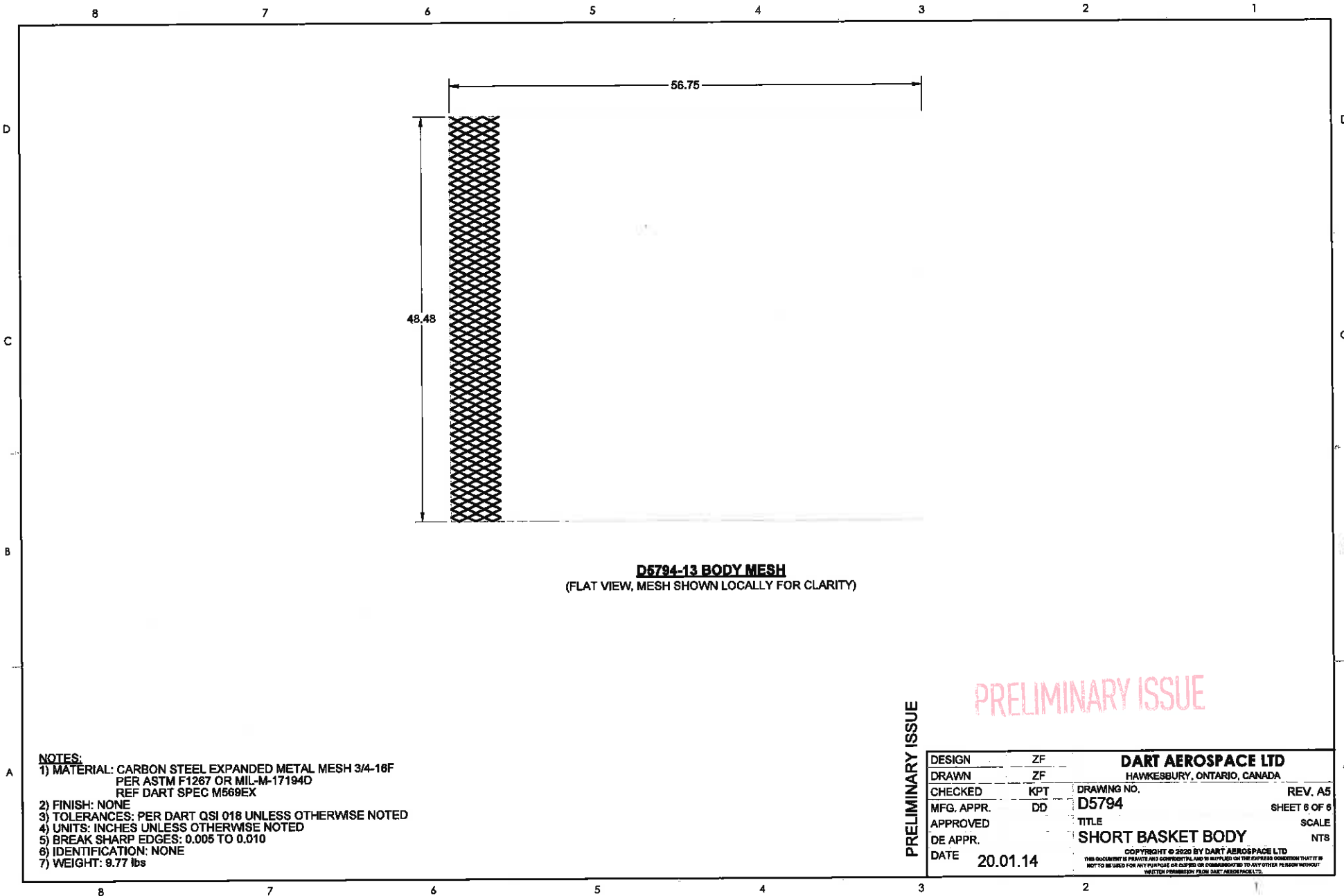
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-8736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.32 lbs  
-7: 0.36 lbs  
-9: 0.14 lbs  
-11: 0.08 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
DATE	20.01.14	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE UNDERSTANDING THAT IT IS NOT TO BE LOANED FOR ANY PURPOSE OR COPIED OR REPRODUCED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	







# INSPECTION SHEET

[illegible]

Measured by:	MAC	Checked by:	9 9.99	QC Inspector:	
Date:	21 Feb 2020	Date:	20.02.24	Date:	

<b>Engineering Approval:</b> (if necessary)		<b>Date:</b>	
--	--	--------------	--

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



# PACKING LIST

No. 46980

PG 1 OF 1

FACTORY STEEL & METAL SUPPLY 14020 OAKLAND AVENUE DETROIT, MI 48203		PURCHASE ORDER # P028412		BUYER CHANTEL LAVOIE		SHIP DATE 05/11/2015	
(313)883-6300 PHONE (313)883-4883 FAX		JOB NAME		Tel (613) 632-3336 Fax (613) 632-4443		SHIP VIA YRC	
SOLD TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SALES ORDER # 40836		ORDER DATE 05/08/2015		RE-USE # 59-2958719	
		SHIP TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SALES REP MICK HALON		CARRIER YRC	
				SHIP INST YRC COLLECT		BLIND Y/N N	
				PRG#		FOB DETROIT	
				TERMS NET 30 DAYS			

LINE	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT	UNIT PRICE	TOTAL
1	313 FT	4130N CD SHLSS SQ TUBE 1/2" X .035N  Our Tag # Mill Ref # Heat # 107988 019824 571750 Pcs Total Ft 24 313		21' / 24' RL	69.266		
2	1 PC	PACKING CHARGES  HTRS (CIRCLE) FAX SHIPMENT INVOICE ALL DATE: INITIAL:					

TOTAL WT 69 LBS		TOTAL	
RECEIVED BY - SIGNATURE		RECEIVED BY - PRINTED NAME	



**PLYMOUTH TUBE CO.**  
1208 East 12th Street, Stearns, Minn 55104  
Phone: (612) 873-1815 Fax: (612) 872-7343



# PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS  
108798 - 1 / 1

**TRUST YOUR SOURCE ACCEPT NO SUBSTITUTIONS**

## SOLD TO

PTC - Plymouth Engr. CD Shapes  
201 Commerce Court  
Hopkenville, KY 42240  
USA

WORK ORDER 019824

HEAT NUMBER 571756

MET SOURCE Benteler Steel & Tube-Germany

ISO 9001, 14001

AND

TS 16949

**CERTIFIED**

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LOADING NO	CERT DATE
2128	SO-A12035	5,478.3 #	00063335	07/01/2013

### PART DESCRIPTION SHSQD000035.000

\*\*\*\* Square OD \*\*\*\*

Side1: 0.5000" Max:0.5100 Min:0.4900

Side2: 0.5300 Max:0.5100 Min:0.4900

Wall: 0.0350" Max:0.0380 Min:0.0320

Length: 15.0000

Spec: MIL-T-87308 Seamless Aircraft

Grade: 4330

Material: 4330

### CERTIFICATION REQUIREMENTS

FAR BAA (FAR 53.225-1 Buy America Act Supplies), DFARS 252.225-7001 Buy America Act & Bal. of Payments Program FAR 74A (FAR 82.225-6 Trade Agreements) Paragraph 1.3.4.5 This material was Eddy Current tested and conforms to the requirements of ASTM A-450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-412. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2540J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. This is determined by using the 0.2% offset method. Material produced in accordance to ASTM A-519-12.

### Chemical Analysis

C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn
.320	.50	.008	.002	.240	.031	.87	.18	.08	.001	.99	.002	.002	.011

### Physical Properties

Proof	Severely	Grain Size
87.1	0.15	9

### Mechanical Properties

TEST	UNITS	RESULTS	LOW	AVERAGE	QTY-DEV
Tensile	Pa1	8	133100	138920	2171
Yield	Pa1	8	130770	125360	2170
Elongation	%	6	22	22	0
Rockwell B	Rb	6	98	98	0
Rockwell C	Rc				
Decarbid	RE SUL				
Total ID/OD decarb	Pass				
	Pass				

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Stearns in compliance with the requirements of the cited specification. Chemistry is as required by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

*Garrett Driscoll*  
Quality Assurance



**PLYMOUTH TUBE CO.**

1209 East 12th Street, Streator, Illinois 61354

Phone: (815) 673-1616 Fax: (815) 672-7343

**TRUST YOUR SOURCE! ACCEPT NO SUBSTITUTIONS!**



## PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

108798 - 1 / 1

WORK ORDER 019824

HEAT NUMBER 571756

MELT SOURCE Benteler Steel & Tube-Germany

SG2310

PTC - Plymouth Engr. CD Shapes

201 Commerce Court

Hopkinsville, KY 42240

US

ISO 9001, 14001

AND

TS 16949

**CERTIFIED**

CUSTOMER P.O. 2128	CUSTOMER PART SQ-N12035	QUANTITY 5,478.3 R	LADING NO 00063335	CERT DATE 07/01/2013
PART DESCRIPTION SHSQ0500035J000				
Additional Specification(s)				
<p>AMS-T 67363, 67401, &amp; 6371J</p> <p>This test report data is for the heat Chemistry Stated above.</p> <p>The material in this test report is:</p> <ol style="list-style-type: none"> <li>1) Drawn in the USA</li> <li>2) Free from <u>Polybrominated Biphenyls (PBB)</u>, <u>Polybrominated Diphenyl Ethers (PBDE)</u>, and <u>Mercury</u> contamination.</li> <li>3) RoHS compliant.</li> </ol> <p>End of Certification</p>				

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

*John D. Dwyer*

Quality Assurance



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28412**

Purchase Order Date 5/8/2015 12:26:41 PM

PO Print Date 5/8/2015

Page Number 1 of 2

Order From :  
FACTORY STEEL  
14026 OAKLAND AVE.  
DETROIT, MI 48203  
US

VU-FAC001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

RECEIVED

Contact Name  
Vendor Phone 313 813 6300

Ship To Contact  
Ship To Phone  
Ship Via: YRC ppd  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-3607  
Terms Net 30  
Currency USD  
FOB Destination-Collected

Line Nbr	Reference Vendor Part Number Line Comments Delivery Instructions	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130 100001WALZ	41.20 Square tube .500 x .500 x .035w	5/15/2015 Yes 5/15/2015		300.00 f	\$5.98	\$1,794.00
MATERIAL: AISI 316 STEEL SQUARE TUBING AS PER MIL. T-47.5 (316) 60/6361/6362/6373/6374							
Line Total:							\$1,794.00
4	71490-18	cut & pack	5/15/2015 Yes 5/15/2015		1.00 Each	\$45.00	\$45.00
Line Total:							\$45.00

615-05-19

Note:

5/8/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28412**

Purchase Order Date 5/8/2015 12:26:41 PM

PO Print Date 5/8/2015

Page Number 2 of 2

**Order From :**

VU-FAC001

**Ship To :** DART AEROSPACE LTD

FABORY STEEL  
14020 OAKLAND AVE.  
DETROIT, MI 48203  
US

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

Vendor Phone 313 883 6300

**Ship To Contact**

Ship To Phone

Ship To Fax

Ship To Email

**Buyer**

Chantal Lavoie

**Customer POID**

Customer Tax # 10127-3507

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

5	71001-05	PROCUREMENT QUALITY CLAUSES	5/5/2015	1.00	\$0.00	\$0.00
			No			
Procurement Quality Clauses			5/15/2015			
A005 right of entry						
A012 chemical and physical test report						
A016 personnel qualification						
A017 raw material identification (as applicable)						
A018 certification of material conformance						
A019 quality management system						
A020 notification by supplier						
Attention to quality document						

Line Total: \$0.00

PO Total: \$1,839.00

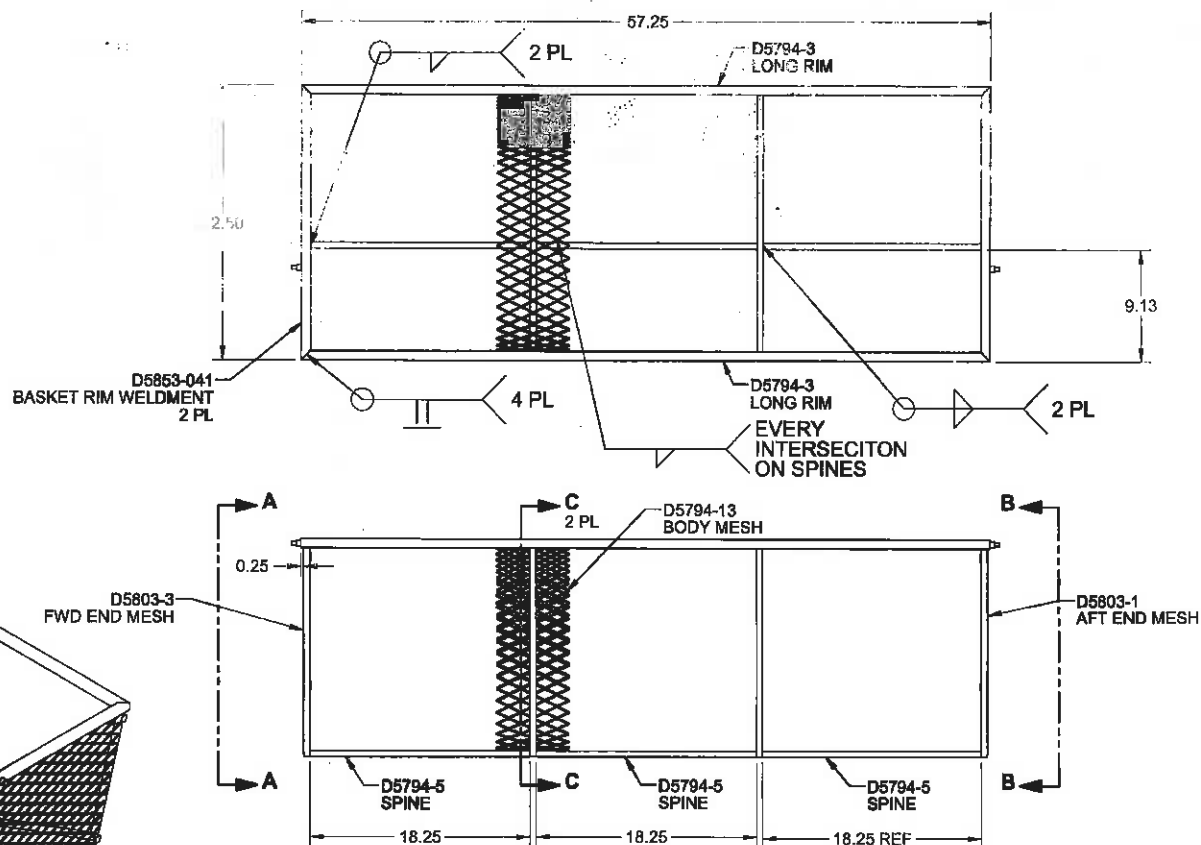
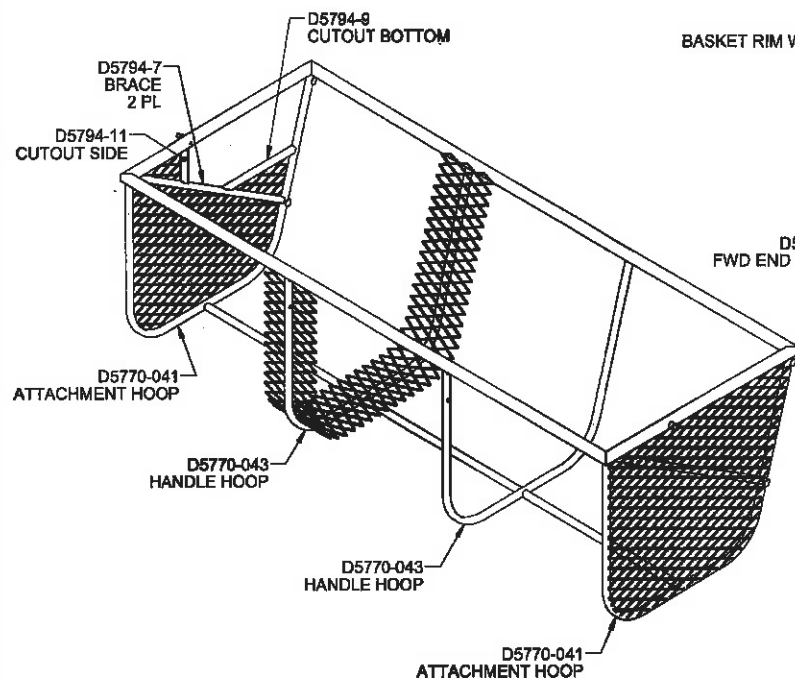
Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr:

Change Date: 5/8/2015



QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-3	LONG RIM
2	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH
2	D5853-041	BASKET RIM WELDMENT



**D5794-041 SHORT BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW  
URF 2020-522 20.02.14 (NO)

- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: 21.58 lbs
  - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
  - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
  - 11) WELD EVERY MESH INTERSECTION

**RELEASED**  
2020 FEB 18 NO  
ECN 2020-521

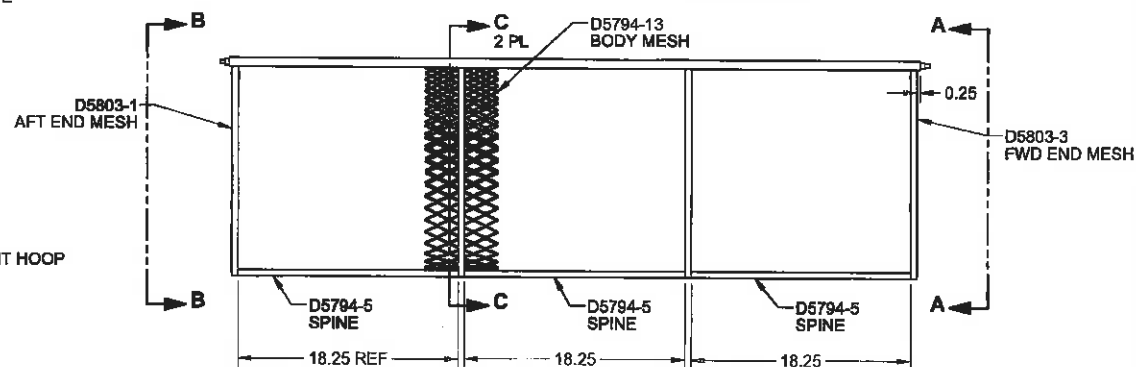
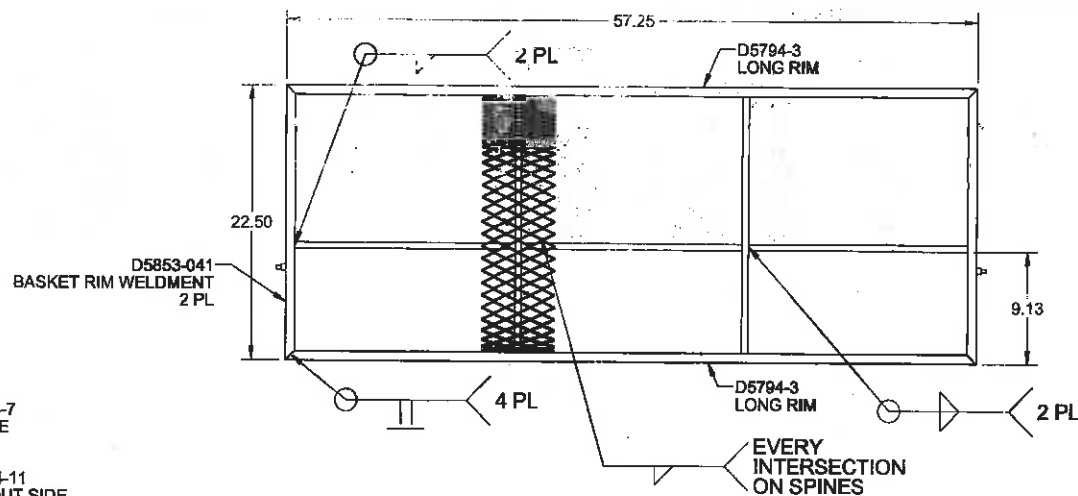
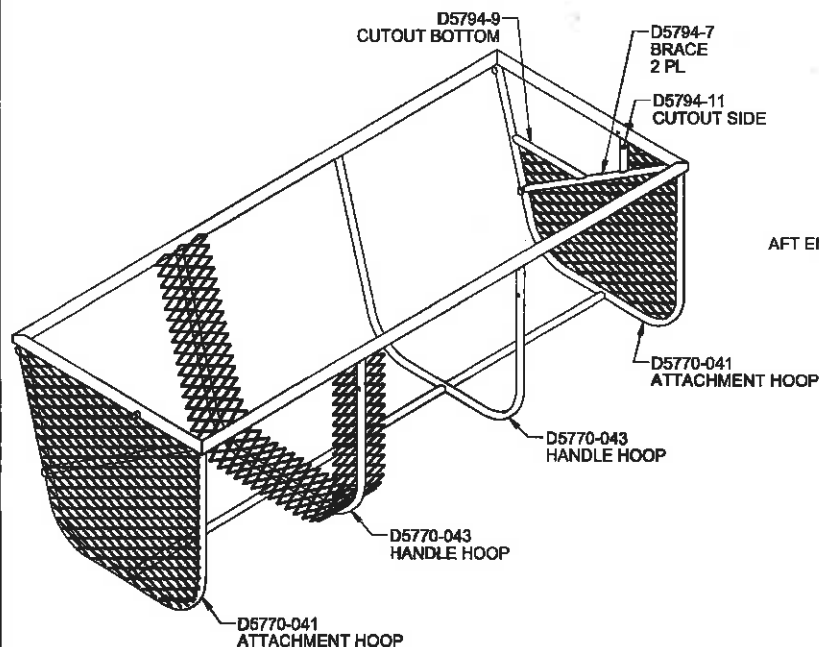
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DESIGN	ZF		
DRAWN	ZF		
CHECKED	KPT		
MFG. APPR.	DD		
APPROVED	NO		
DE APPR.	CP		
DATE	20.01.14		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5794**  
TITLE **SHORT BASKET BODY**  
REV. A  
SHEET 1 OF 6  
SCALE  
NTS

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QTY -042	P/N	DE3CRPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



**D5794-042 SHORT BASKET BODY, RH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (.00125) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
- 11) WELD EVERY MESH INTERSECTION

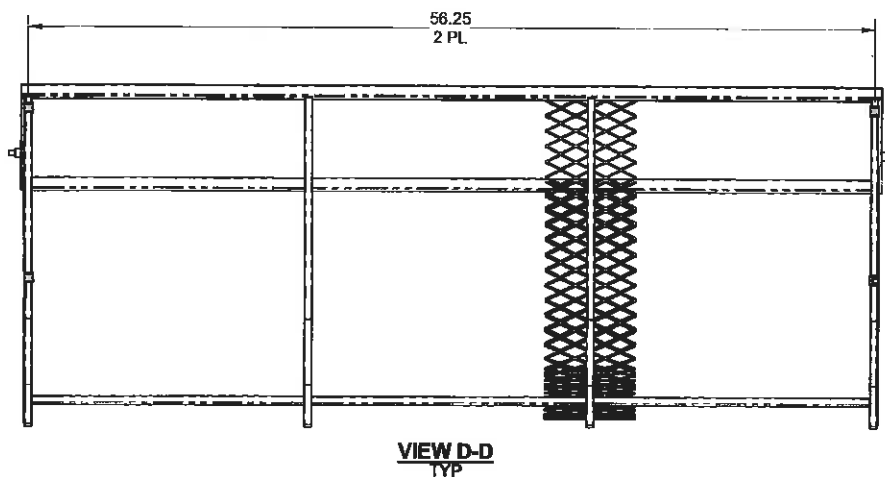
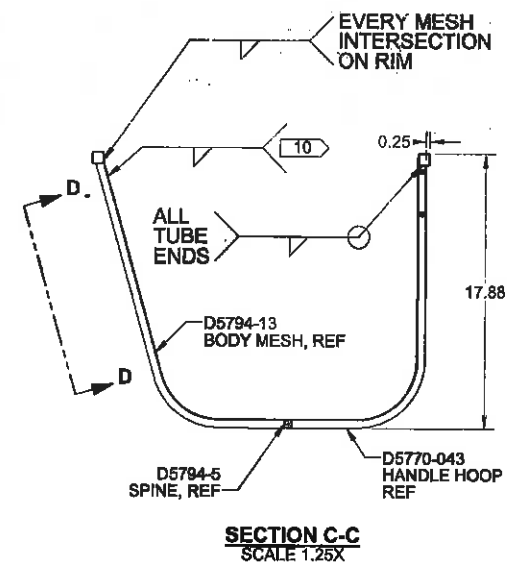
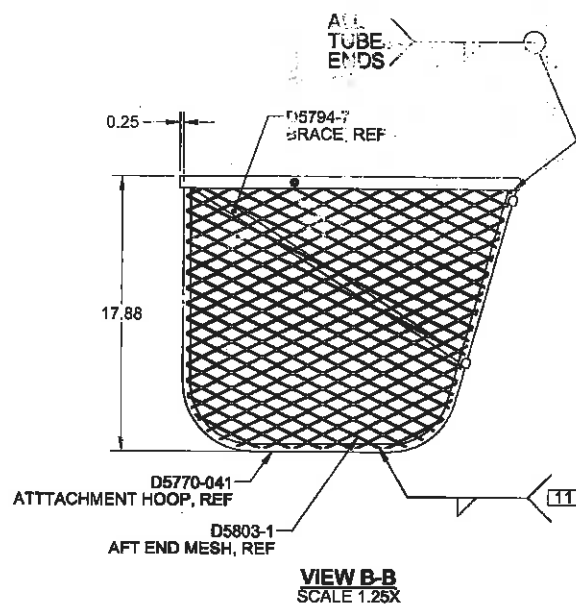
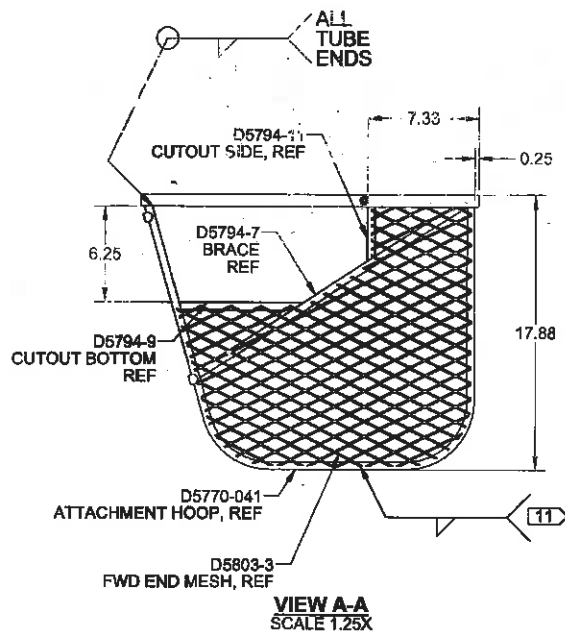
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CHECKED KPT  
MFG. APPR. DD  
APPROVED NO  
DE APPR. CP  
DATE 20.01.14

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA  
DRAWING NO. D5794  
TITLE SHORT BASKET BODY  
REV. A  
SHEET 2 OF 6  
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DART AEROSPACE LTD  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.  
D5794

TITLE  
SHORT BASKET BODY

REV. A

SHEET 3 OF 6

SCALE

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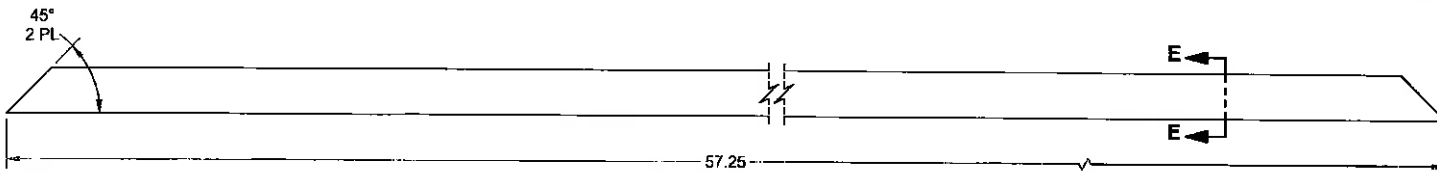
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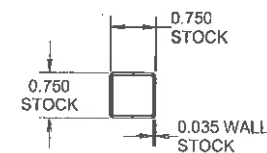
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**D5794-3 LONG RIM**



**SECTION E-E**

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.750W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

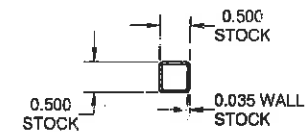
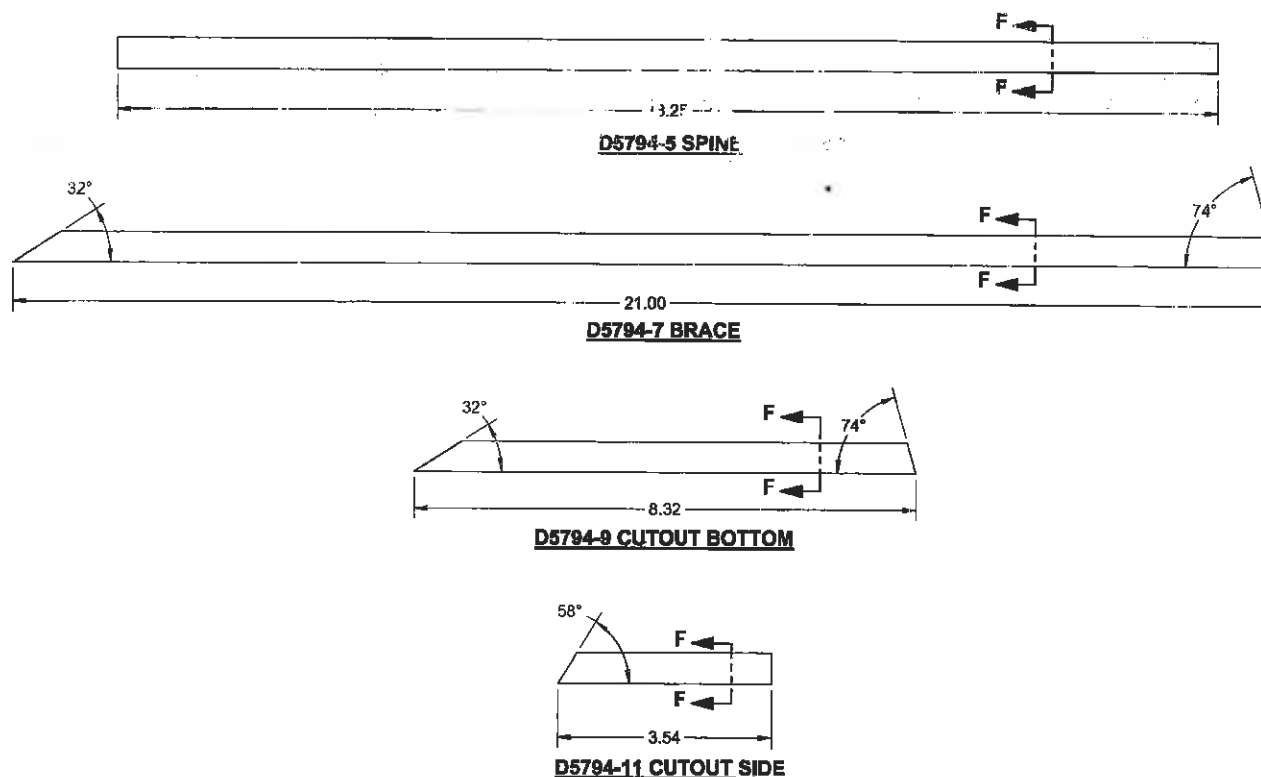
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2020 FEB 18 *no*

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CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5794</b>	SHEET 4 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	<b>SHORT BASKET BODY</b>	NTS
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**SECTION F-F**

UNDER REVIEW

URP 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6738 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.32 lbs  
-7: 0.38 lbs  
-9: 0.14 lbs  
-11: 0.06 lbs

**RELEASED**

2020 FEB 18 *NO*

APPROVED

DESIGN	ZF
DRAWN	ZF
CHECKED	KPT
MFG. APPR.	DD
APPROVED	NO
DE APPR.	CP
DATE	20.01.14

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

**D5794**

TITLE

**SHORT BASKET BODY**

REV. A

SHEET 5 OF 8

SCALE

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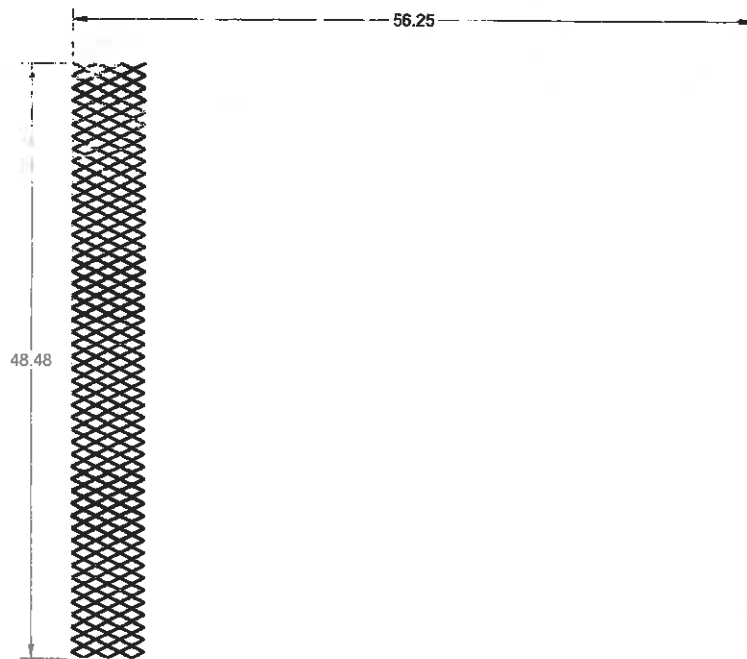
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**D5794-13 BODY MESH**  
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs

**RELEASED**

2020 FEB 18 NO

APPROVED

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO. <b>D5794</b>	REV. A
MFG. APPR.	DD	TITLE	SHEET 6 OF 6
APPROVED	NO	<b>SHORT BASKET BODY</b>	SCALE
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# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

Date: 2020.02.14	Job No.: Aero2019	ADR Yes/No: N	ADR Date:	ECN #: 2020 521
Product No.: D350-1080 baskets		Created By: NO	Approved By: <i>[Signature]</i>	
Product Name: Quick Release Cargo Baskets		Checked By:		

**Reason for Change:**  
D350-1080 Baskets Limited Release #1

**Documents Released:**  
D5785 at Rev A, D5795 at Rev A, D5794 at Rev A, D5770 at Rev A, D5815 at Rev A, M304 TS at Rev E, M3003H22TP at Rev A, D5806 at Rev A, M302SW at Rev B  
D5759 at Rev A, D5805 at Rev A, D5803 at Rev A, D5853 at Rev A, D5765 at Rev A, D5760 at Rev A, D5761 at Rev A, D5802 at Rev A, D5808 at Rev A, D5810 at Rev A.

**IF APPLICABLE:**    **NCR:** \_\_\_\_\_    **PAR:** \_\_\_\_\_    **CAR:** \_\_\_\_\_    **CIR:** \_\_\_\_\_    **URF:** 2020-522

**PAPERWORK UPDATE** ☒    **PARTS MUST COMPLY** ☐    **PREVIOUS PARTS SATISFACTORY** ☒

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	Y	NO	ALL RELEASED PARTS PLACED UNDER REVIEW	<i>met. 20.02.18</i>
6	Update Master Document List (MDL)	N		NO MDL/STC FOR THESE PARTS AT THIS TIME	
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		<i>met. 20.02.18</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		<i>met. 20.02.18</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MG		<i>met. 20.02.18</i>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N		NO TOP LEVELS AT THIS RELEASE	
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	Y	MG	<i>No dwgs at suppliers</i>	<i>met. 20.02.18</i>
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		<i>met. 20.02.18</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

**Description / Action:**  
Releasing first batch of D350-1080 basket drawing updates for production under Limited Release per QSI 040.  
Place all parts under review, Engineering to sign off work orders for on risk production  
No STC for these parts at this time.  
No nine digit BOMS/ROUTES/CHG#S for this release.  
Previous Parts Satisfactory for M Drawing updates. M Drawings not under Review

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_